

A N N U A L   R E P O R T   F O R

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to

T H E   E V E S H A M   B O R O U G H   C O U N C I L

by

J.   J.   M U R R A Y , M . B . , D . P . H .

(District Medical Officer of Health)



# REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR, 1949.

Mr. Mayor, Councillor Mrs. Nightingale and Gentlemen,

I beg to present the Annual Report on the health of your District for the year 1949.

## VITAL STATISTICS.

Registrar-General's population estimate - 11,850.

<u>BIRTHS.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Legitimate	98	93	191
Illegitimate	4	4	8
	102	97	199

<u>STILL-BIRTHS:</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Legitimate	3	2	5
Illegitimate	-	-	-
	3	2	5

Birth rate per 1,000 of estimated resident population	- 16.8	1948. 18.7
Still-birth rate per 1,000 total (live and still) births	- 24.5	26.7

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
<u>DEATHS:</u>			
	69	74	143
Death rate per 1,000 of estimated resident population	- 12.1	12.8	

Deaths from Puerperal causes:-

	<u>Rates per 1,000 total (live and still) births.</u>	
Puerperal Sepsis	Nil	Nil
Other Puerperal causes	Nil	Nil
Total	Nil	Nil

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>	
Deaths of Infants under one year	1	3	4	8
Deaths of legitimate infants	1	3	4	7
Deaths of illegitimate infants	-	-	-	1

## DEATH RATES OF INFANTS UNDER ONE YEAR:

All infants per 1,000 live births	20	36
Legitimate infants per 1,000 legitimate live births	21	33
Illegitimate infants per 1,000 illegitimate live births	Nil	125
Deaths from Cancer (all ages)	19	25
Deaths from Measles (all ages)	Nil	Nil
Deaths from Whooping Cough (all ages)	Nil	Nil
Deaths from Diarrhoea (under 2 years of age)	Nil	2

Comparison with some of the figures for the whole country is as follows:-

	<u>England &amp; Wales.</u>	<u>District</u>	<u>District.</u>
	<u>1949.</u>	<u>1949.</u>	<u>1948.</u>
Birth rate	16.7	16.8	18.7
Death rate	11.7	12.1	12.8
Infant Mortality rate	32.0	20.0	36.0



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CAUSES OF DEATH TABLE FOR 1949.

<u>Cause of Death.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
1. Typhoid and parat. fevers	-	-	-
2. Cerebro-spinal fever	-	-	-
3. Scarlet Fever	-	-	-
4. Whooping Cough	-	-	-
5. Diphtheria	-	-	-
6. T.B. of respiratory system	4	1	5
7. Other forms of T.B.	-	2	2
8. Syphilitic diseases	-	-	-
9. Influenza	-	-	-
10. Measles	-	-	-
11. Ac. polio-myel. & polio-enceph.	-	-	-
12. Ac. infect. encoph.	-	-	-
Cancer (Total)	9	10	19
13. Cancer of buc. cav. & oesoph. (M)	2	2	4
"      "      uterus      (F)			
14. Cancer of stomach & duodenum	-	1	1
15. Cancer of breast	-	2	2
16. Cancer of all other sites	7	5	12
17. Diabetes	-	-	-
18. Intra-cranial vasc. lesions	2	13	15
19. Heart diseases	29	19	48
20. Other dis. of circulatory system	4	4	8
21. Bronchitis	3	3	6
22. Pneumonia	1	-	1
23. Other respiratory diseases	2	-	2
24. Ulcer of stomach and duodenum	-	1	1
25. Diarrhoea - under 2 years	-	-	-
26. Appendicitis	-	-	-
27. Other digve. diseases	-	2	2
28. Nephritis	-	2	2
29. Puer. & post-abortion. sepsis	-	-	-
30. Other maternal causes	-	-	-
31. Premature birth	-	3	3
32. Con. mal. birth inj. infant dis.	1	-	1
33. Suicide	1	1	2
34. Road traffic accidents	1	-	1
35. Other violent causes	3	1	4
All other causes	9	12	21
Total:-	69	74	143





## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

The Regional Hospital Board arrangements for the treatment of infectious diseases is functioning very satisfactorily and the ambulance system has also worked very well.

## SANITARY CIRCUMSTANCES OF THE DISTRICT.

### WATER SUPPLIES.

The new water main extension from Port Street to Hampton was completed in the early part of the year.

Also during the year a new 3" water main was laid on to the Fairfield No. 3. Housing Site to cater for the 36 Council Houses which it is proposed to build there, and a short length of 2" water main was laid to serve a portion of a private housing estate in Greenhill.

The quality of the Borough water is quite satisfactory and the supply has been adequately maintained throughout the year.

Six samples of water were taken from the Fernery and Pinnock springs of which four proved unsatisfactory, apparently due to slight surface contamination. To prevent a further recurrence of this contamination it is proposed to carry out certain precautionary fencing works at these springs. Negotiations are still proceeding in connection with the erection of protective rabbit and stock proof fencing at the Middle Hill and Brockhampton springs and it is hoped to complete the works during 1950.

Four samples of water were also taken at source for chemical analysis, all of which proved satisfactory.

Of eleven samples of water taken in the Borough for bacteriological examination and chemical analysis, one proved unsatisfactory due to a sampling error.

The new chlorinating equipment at the Broadway Reservoir will be brought into action early in 1950.

There is no evidence of any plumbo-solvent tendency.

All houses in the Borough are supplied by piped water and no stand-pipes are in use for domestic supply.

## SEWERAGE AND SEWAGE DISPOSAL.

The work on the proposed new Sewage Disposal Works is still in abeyance owing to current shortages. In the meantime the present Sewage Works must perforce be used, although a satisfactory effluent cannot be produced in view of their inability to deal with the volume of sewage at present reaching the Works.

## HOUSING.

The site preparation work and the erection of the first 50 permanent prefabricated houses on the Peewit Road Site has been completed this year.

Work has commenced on another 24 permanent prefabricated houses and 20 traditional type houses on this site and all of these should be completed in 1950.





In addition, the roads, sewers and water mains have been laid and the housing Contractors have made a start on the 36 Council Houses on the Fairfield No. 3 Site.

At the Elm Road Housing Site the Contractors have commenced building operations in connection with the 10 houses to be built there and these should be completed before the end of 1950.

During the year 10 private houses have also been erected in the Borough.

Since the war 148 houses and 29 temporary bungalows have been erected in the Borough for the Town Council.

#### INSPECTION AND SUPERVISION OF FOOD.

Inspections of premises under the Food and Drugs and Public Health Acts are carried out by your Sanitary Inspector.

A full-time Meat Inspector has now been appointed in place of the part-time arrangements which operated previously.

As the meat passing through the Evesham slaughterhouse per year is eventually distributed to approximately 80,000 people it will be realised how necessary full-time supervision is required.

#### CARCASES INSPECTED AND CONDEMNED.

	Cattle exclud'g cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1250	578	746	7005	27516
Number inspected	1250	578	746	7005	27516
All diseases except Tuberculosis:					
Whole carcasses condemned	2	11	11	59	16
Carcasses of which some part or organ was condemned	150	90	10	850	700
Percentage of the number inspected affected with disease other than T.B.	12%	17½%	3%	13%	2½%
Tuberculosis only:					
Whole carcasses condemned	3	20	Nil	Nil	11
Carcasses of which some part or organ was condemned	140	130	Nil	Nil	1020
Percentage of the number inspected affected with T.B.	11½%	28%	Nil	Nil	4%

Approximately 41¼ tons of Meat and 2 tons of Other Foodstuffs were condemned as unfit for human consumption during the year.

#### FOOD POISONING.

Two cases of suspected food poisoning were notified but tests proved negative. Both cases recovered.



# FACTORIES ACT, 1937.

## Part I of the Act.

### 1. Inspections for the purposes of provisions as to health.-

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which Sec.1,2,3,4 & 6 are to be enforced by Local Authorities.	19	1	1	-
(11) Factories not included in (1) in which Sec. 7 is enforced by the Local Authority.	86	3	2	-
(111) Other premises in which Sec. 7 is enforced by the Local Authority (excluding outworkers premises).	-	-	-	-
Total:-	105	4	3	-

### 2. Cases in which defects were found:-

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted.
	Found	Remedied	Referred		
			To H.M. Insp.	By H.M. Insp.	
Want of cleanliness	--	--	--	1	--
Overcrowding	--	--	--	--	--
Unreasonable temperature	--	--	--	--	--
Inadequate ventilation	--	--	--	--	--
Ineffective drainage of floors	--	--	--	--	--
Sanitary Conveniences:					
a. Insufficient	--	--	--	1	--
b. Unsuitable or defective	--	--	--	--	--
c. Not separate for sexes	--	--	--	1	--
Other offences against the Act.	--	--	--	--	--
Total.--	--	--	--	3	--



FACTORIES ACT, 1937.  
Part VIII of the Act.

Outwork.  
(Sec.110 & 111)

During the year 3 Outworkers were employed in the Borough on Glove Making. Working conditions were found to be quite satisfactory.

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PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

Notified diseases (other than Tuberculosis) during the year, 1949.

<u>Disease.</u>	<u>Total Cases</u> <u>Notified.</u>	<u>Admitted to</u> <u>Hospital.</u>	<u>Total</u> <u>Deaths.</u>
Scarlet Fever	27	17	--
Diphtheria	--	--	--
Enteric Fever	--	--	--
Puerperal Pyrexia	--	--	--
Pneumonia	4	1	1
Dysentery	--	--	--
Measles	6	--	--
Whooping Cough	26	--	--
Erysipelas	4	--	--
Opthalmia Neonatorum	--	--	--
Cerebro-spinal Fever	--	--	--
Acute Poliomyelitis	--	--	--
	67	18	1

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ANALYSIS OF TOTAL NOTIFIED INFECTIOUS DISEASES  
CASES (other than Tuberculosis) DURING THE  
YEAR, 1949.

Age Groups.	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Pyrexia	Pneumonia	Dysentery	Measles	Whooping Cough	Erysipelas	Ophthalmia Neonatorum	Cerebro-spinal Fever	Acute Poliomyelitis
Under 1 year	-	-	-	-	-	-	-	2	-	-	-	-
1 - 2 years	-	-	-	-	-	-	1	5	-	-	-	-
3 - 4 "	1	-	-	-	-	-	1	6	-	-	-	-
5 - 10 "	19	-	-	-	1	-	4	13	-	-	-	-
11 - 15 "	6	-	-	-	-	-	-	-	-	-	-	-
16 - 20 "	1	-	-	-	-	-	-	-	-	-	-	-
21 - 35 "	-	-	-	-	1	-	-	-	-	-	-	-
36 - 45 "	-	-	-	-	1	-	-	-	-	-	-	-
46 - 65 "	-	-	-	-	1	-	-	-	4	-	-	-
66 and over	-	-	-	-	-	-	-	-	-	-	-	-
	27	-	-	-	4	-	6	26	4	-	-	-

DIPHTHERIA.

No cases were notified during the year.

WHOOPING COUGH & MEASLES.

There was a slight increase over last year in the number of Whooping Cough cases notified - these being mainly confined to the latter half of 1949.

Only 6 cases of Measles occurred during the year as compared with 126 cases last year.

There were no deaths from either disease.

SCARLET FEVER.

There was an increase of 10 in the number of Scarlet Fever cases notified but the disease was not of a severe type.

Seventeen of the cases received hospital treatment but there were no deaths from the disease.

The majority affected were school-children of the 5 - 15 years age group.





## DIPHTHERIA IMMUNIZATION

The immunization of children against Diphtheria has been carried on actively during the year under the control of the Worcestershire County Council.

## TUBERCULOSIS.

The following table gives particulars of the 12 new cases of Tuberculosis (as against 18 in 1948), and of all deaths from the disease in the area during 1949.

<u>Age Groups.</u>	<u>NEW CASES.</u>				<u>DEATHS.</u>			
	<u>Pulmonary.</u>		<u>Non-Pulmon.</u>		<u>Pulmonary.</u>		<u>Non-Pulmon.</u>	
	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>
Under 1 year	-	-	-	-	-	-	-	-
1 - 4 years	-	-	-	-	-	-	-	-
5 - 14 "	1	-	-	-	-	-	-	-
15 - 24 "	1	3	-	-	-	-	-	-
25 - 34 "	3	-	-	1	1	1	-	1
35 - 44 "	1	-	-	-	1	-	-	-
45 - 54 "	1	-	-	-	1	-	-	-
55 - 64 "	-	-	-	-	1	-	-	1
65 and over	-	-	-	-	1	-	-	-
<hr/>								
	8	3	-	1	5	1	-	2
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	<u>1948.</u>		
Number of deaths from non-notified Tuberculosis	-	1	2
Total number of Tuberculosis deaths	-	8	7

As far as it can be evaluated the health standards in the Borough are quite satisfactory.

I am indebted to the Sanitary Inspector and his staff for their assistance during the year.

I am, Gentlemen,

Your obedient Servant,

J. J. MURRAY

Medical Officer of Health.

